FIG. 1 A

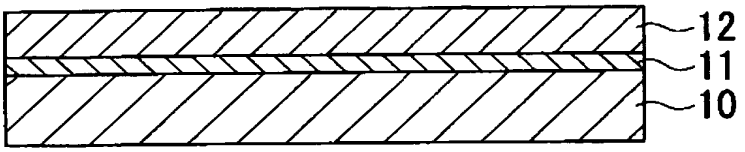


FIG. 1 B

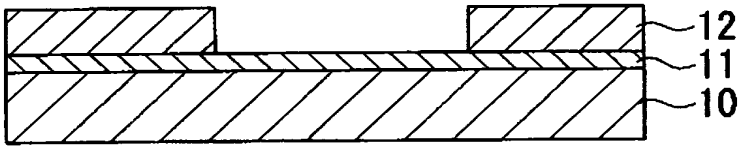


FIG. 1 C

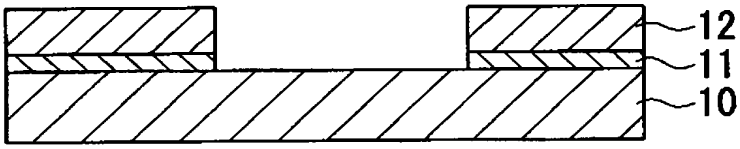


FIG. 2

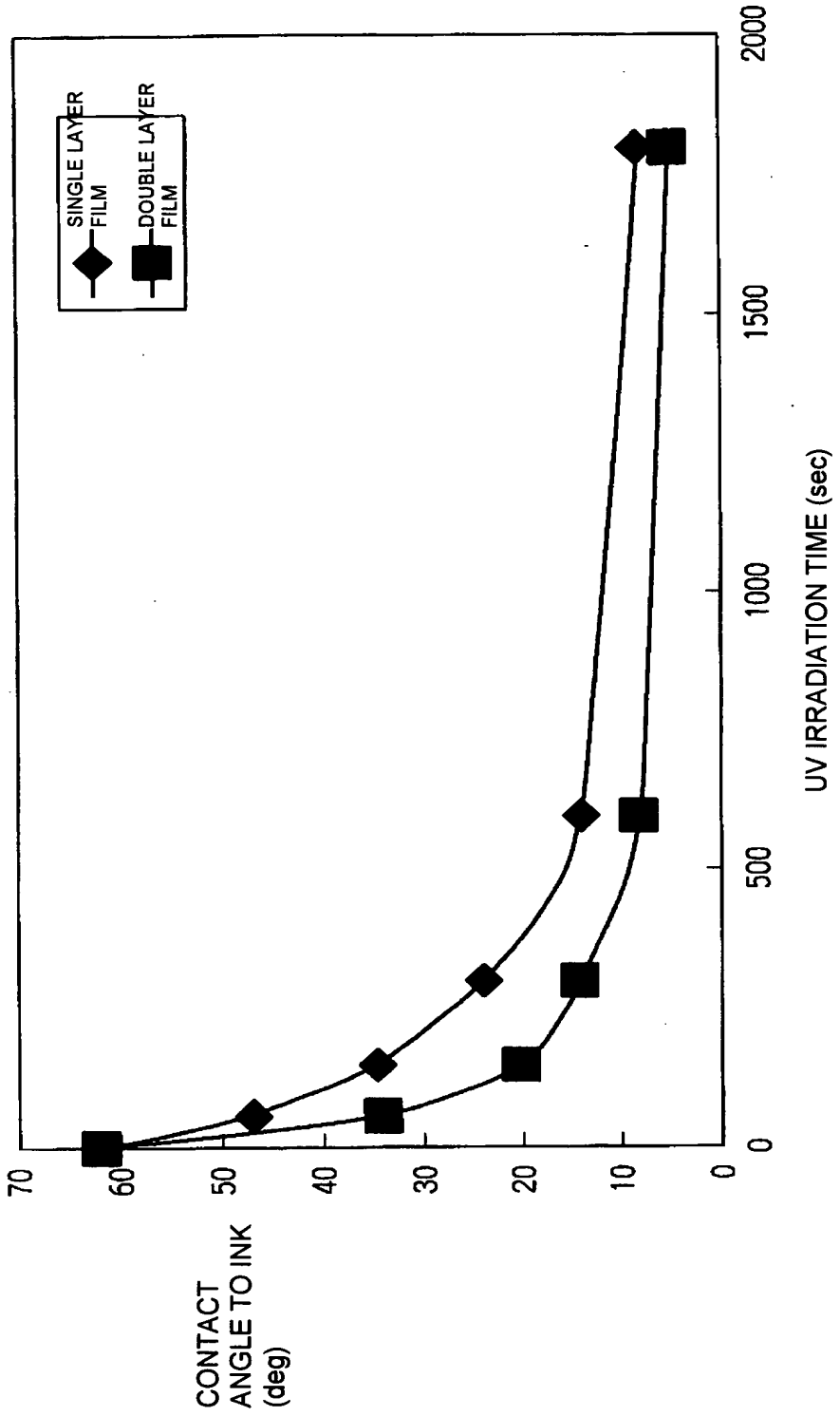

SINGLE LAYER FILM
DOUBLE LAYER FILM
CONTACT ANGLE TO INK (deg)
70
60
50
40
30
20
10
0
0
500
1000
1500
2000
UV IRRADIATION TIME (sec)

FIG. 3

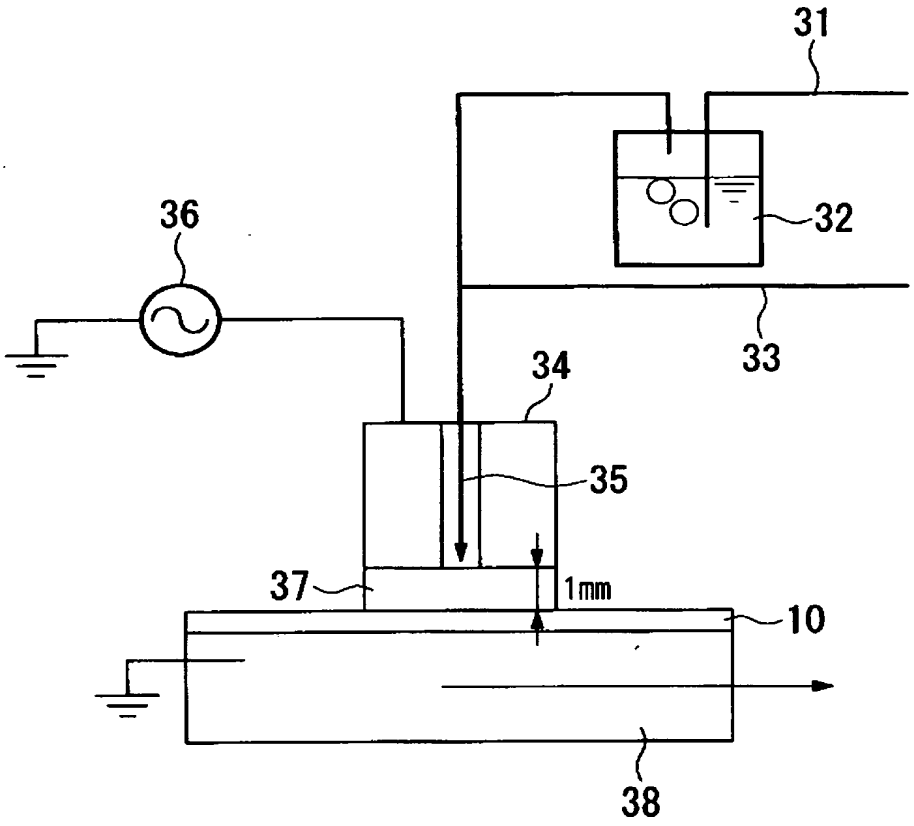


FIG. 4

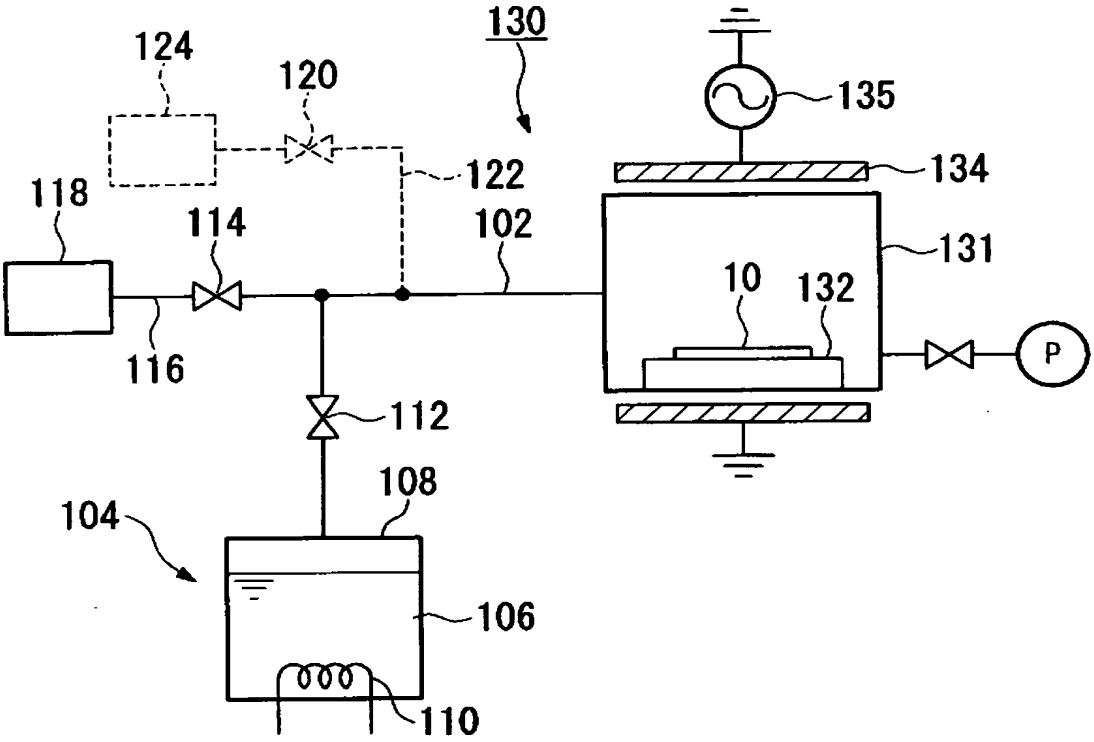

130
124
120
135
122
134
118
114
102
131
10
132
116
P
112
108
104
106
110

FIG. 5

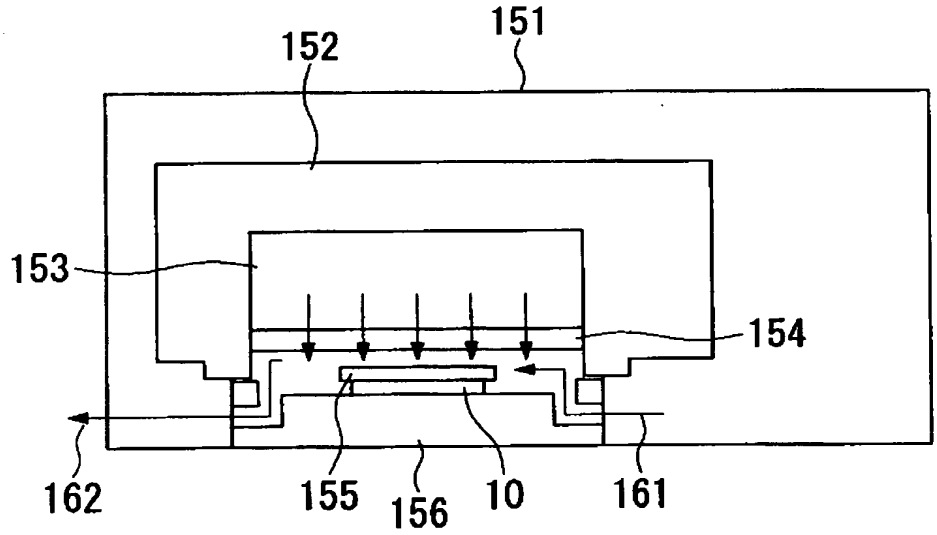

151
152
153
154
162
155
156
10
161

FIG. 6 A

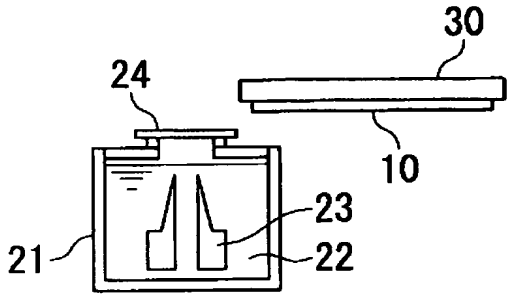


FIG. 6 B

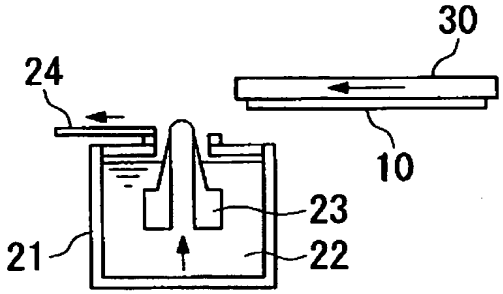


FIG. 6 C

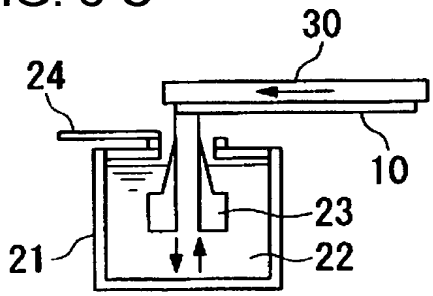


FIG. 6 D

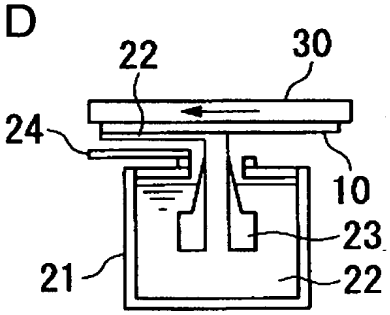


FIG. 6 E

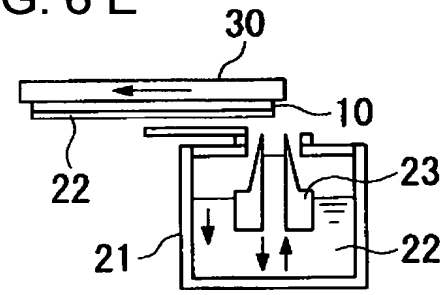
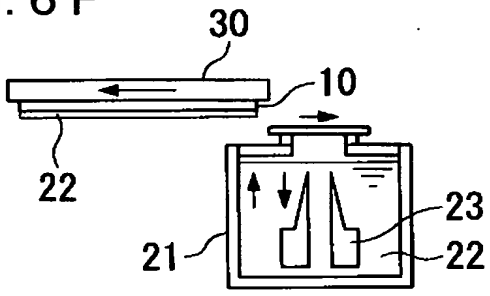


FIG. 6 F



BLACK MATRIX FORMING STEP

FIG. 7 A

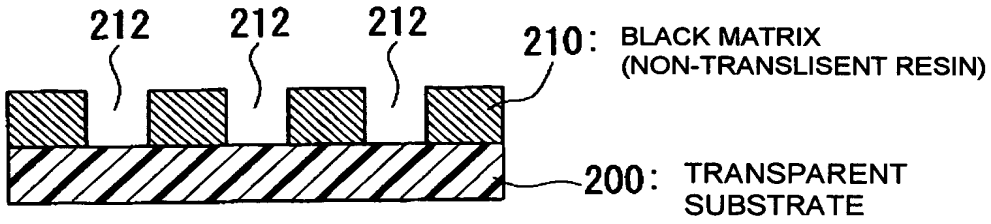


FIG. 7 B

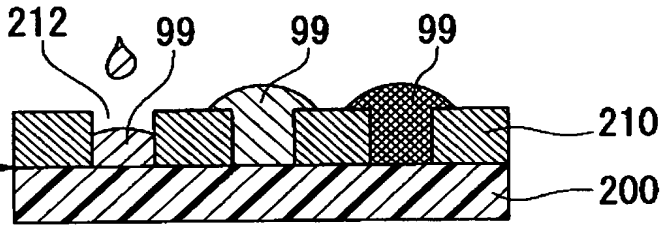


FIG. 7 C

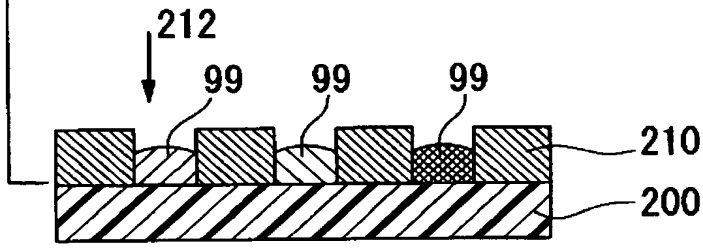


FIG. 7 D

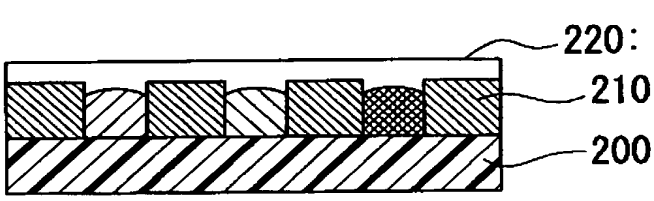


FIG. 7 E

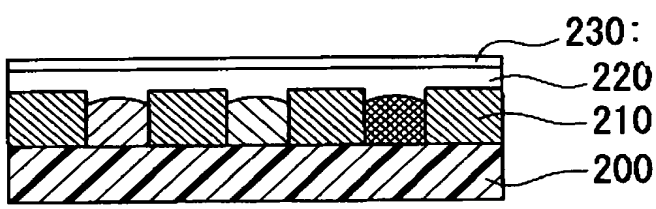


FIG. 7 F

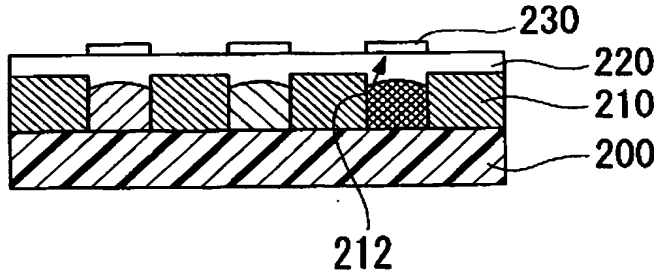


FIG. 8

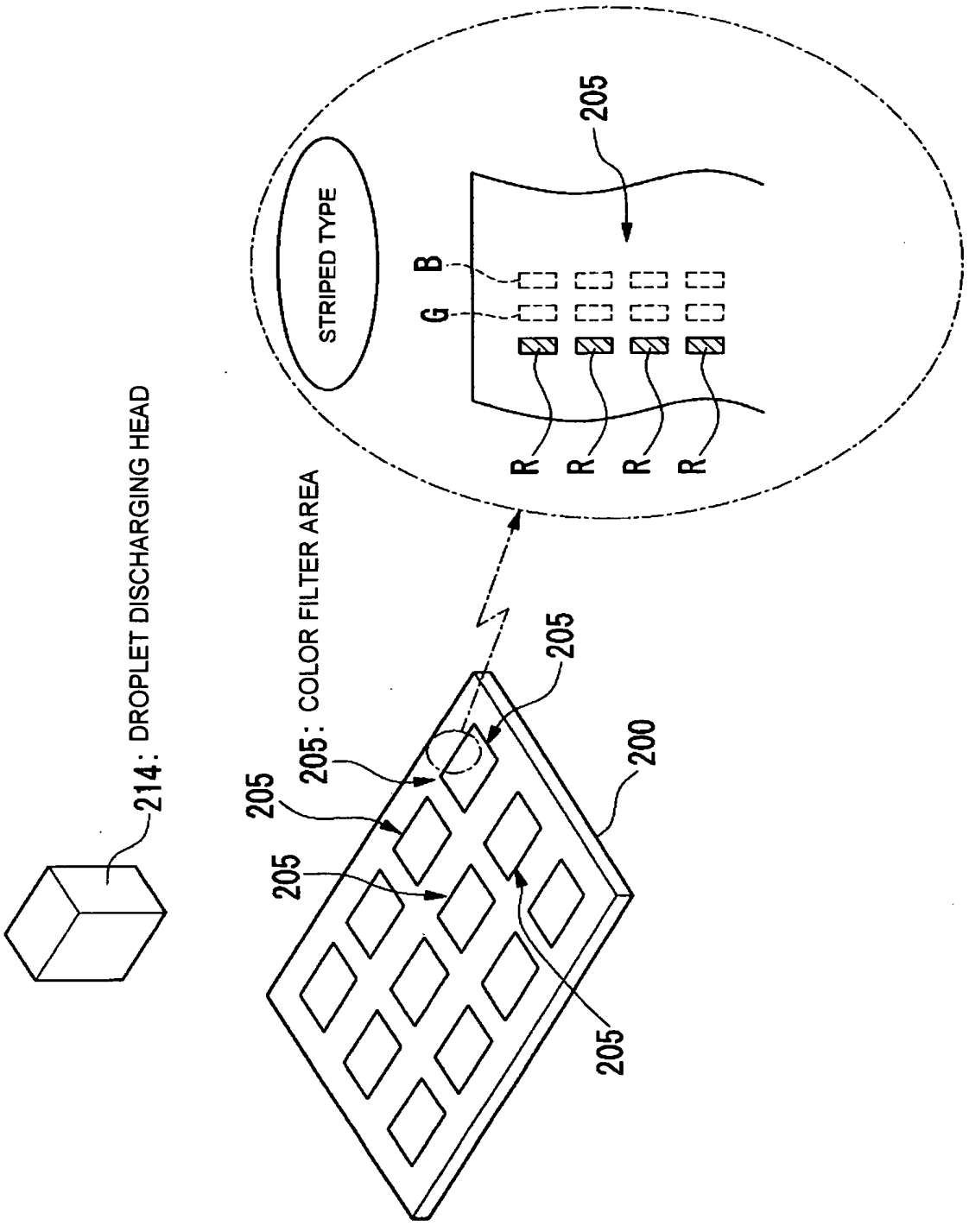

214: DROPLET DISCHARGING HEAD
205: COLOR FILTER AREA
205
205
205
205
200
205
STRIPED TYPE
B
G
R
R
R
R

FIG. 9

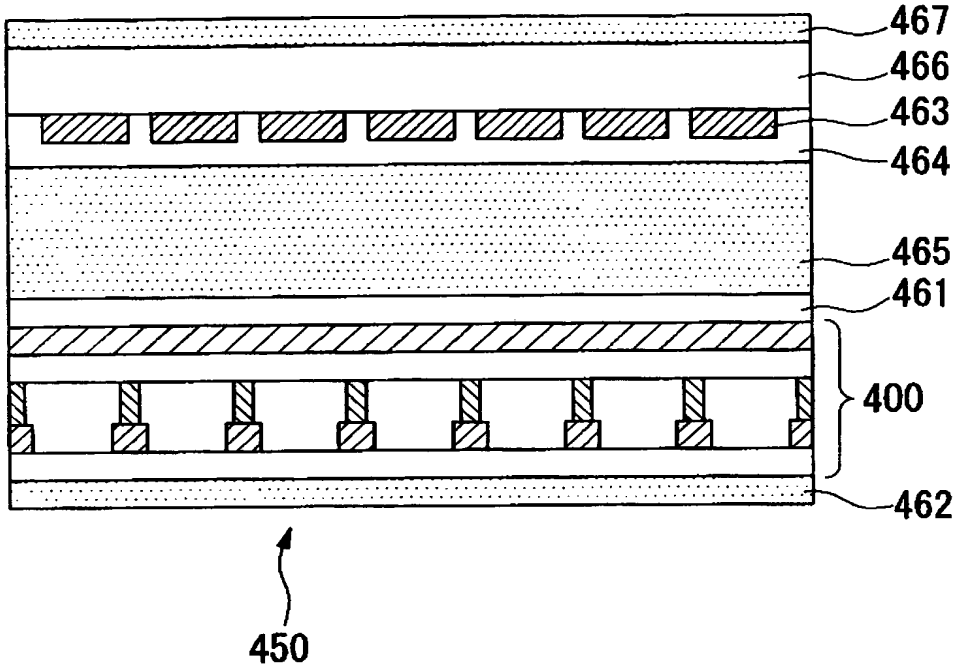


FIG. 10 A

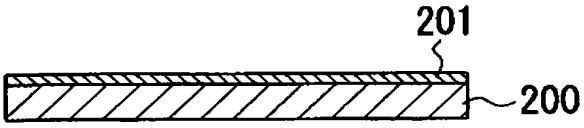


FIG. 10 B

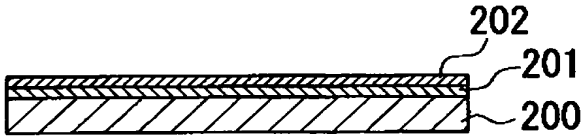


FIG. 10 C

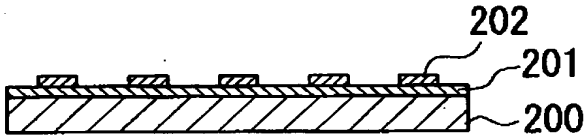


FIG. 10 D

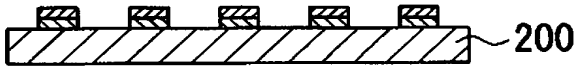


FIG. 10 E

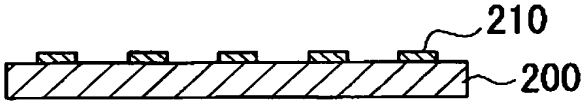


FIG. 10 F

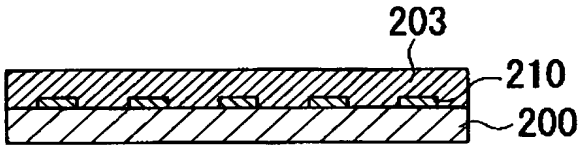


FIG. 10 G

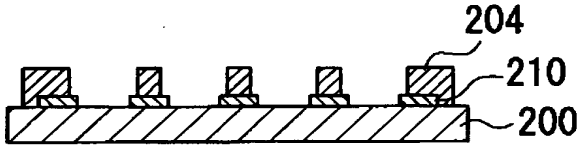


FIG. 10 H

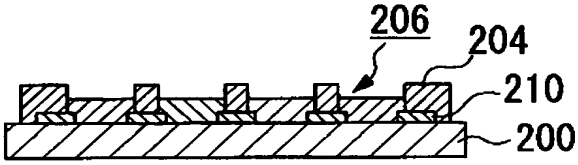


FIG. 10 I

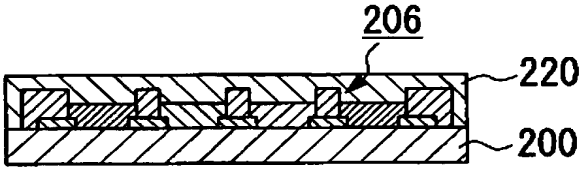


FIG. 11

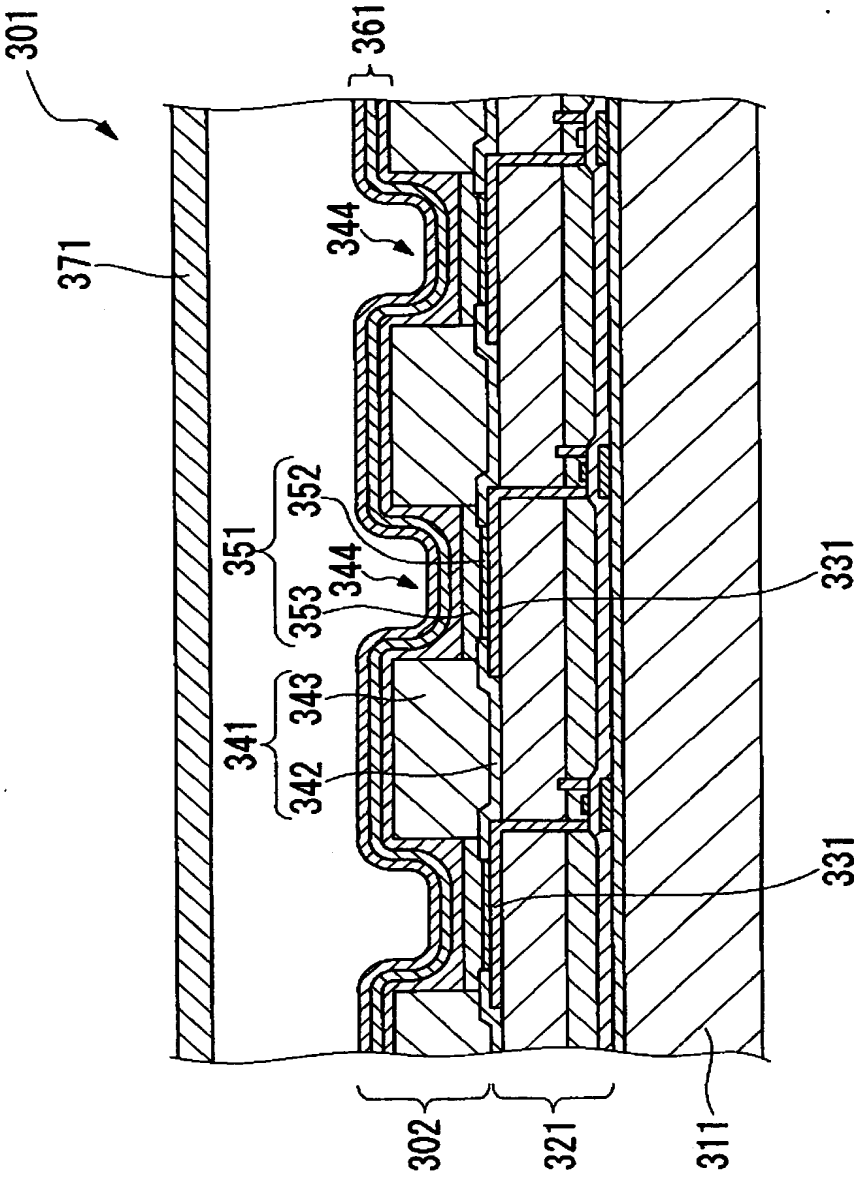


FIG. 12

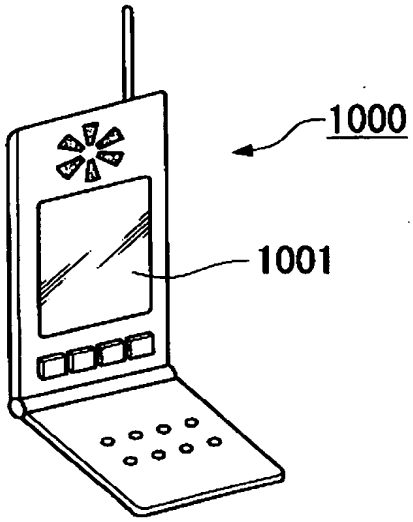


FIG. 13

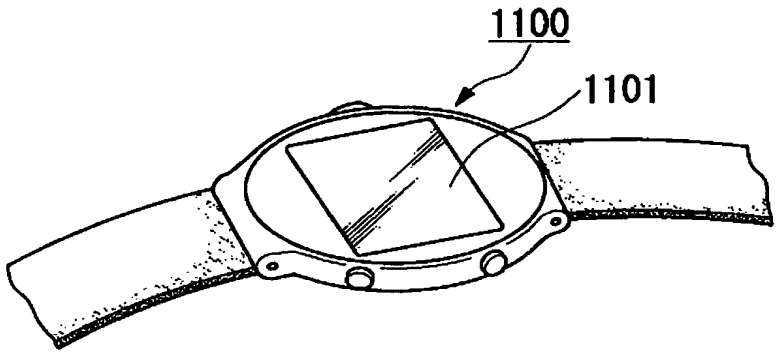
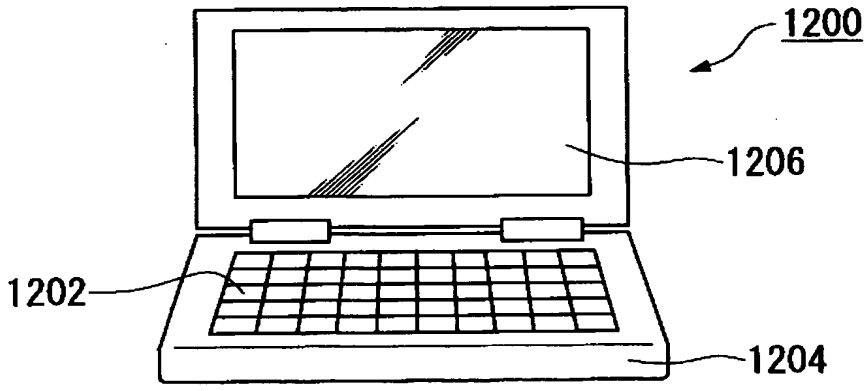



FIG. 14